

## SEQUENCE LISTING

<110> PHALIPON, ARMELLE  
NATO, FARIDA  
MULARD, LAURENCE  
SANSONETTI, PHILIPPE

<120> GLYCOCONJUGATES AND THEIR USE AS POTENTIAL VACCINES  
AGAINST INFECTION BY SHIGELLA FLEXNERI

<130> 3447.0016

<140> 10/563,221

<141> 2006-01-04

<150> PCT/IB2004/002657

<151> 2004-07-02

<150> CA 2,434,685

<151> 2003-07-04

<150> CA 2,434,668

<151> 2003-07-07

<160> 41

<170> PatentIn Ver. 3.3

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<211> 45

<212> DNA

<213> Artificial Sequence

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<213> Artificial Sequence

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gttctgacta gtgggcactc tgggctc

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<210> 4

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<223> Description of Artificial Sequence: Synthetic primer

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<223> Description of Artificial Sequence: Synthetic primer

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26

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26

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gaggtgaagc tcgaggaatc tggagg 26

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<400> 9  
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<400> 10  
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primer

<400> 11  
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 Asn Tyr Trp Met Ser  
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<210> 13  
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<400> 13  
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<400> 14  
 Asp Tyr Ser Leu His  
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<210> 15  
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 Asp Tyr Ser Met His  
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<210> 16  
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<400> 16  
 Glu Ile Arg Leu Lys Ser Asp Asn Tyr Ala Thr Tyr Tyr Ala Glu Ser  
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Val Lys Gly

<210> 17  
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Trp Ile Asn Thr Ala Thr Gly Glu Pro Thr Tyr Pro Asp Asp Phe Lys  
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Gly

<210> 18

<211> 17

<212> PRT

<213> Mus musculus

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Trp Ile Asn Thr Glu Thr Gly Glu Pro Ala Tyr Ala Asp Asp Phe Lys  
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Gly

<210> 19

<211> 17

<212> PRT

<213> Mus musculus

<400> 19

Trp Val Asn Thr Gln Thr Gly Glu Pro Ser Tyr Ala Asp Asp Phe Lys  
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Gly

<210> 20

<211> 4

<212> PRT

<213> Mus musculus

<400> 20

Pro Met Asp Tyr  
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<210> 21

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<213> Mus musculus

<400> 21

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<210> 22

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<400> 22

Tyr Arg Tyr Asp Gly Ala Tyr  
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Tyr Arg Tyr Asp Gly Ala His  
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<210> 24

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<212> PRT

<213> Mus musculus

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Arg Ser Ser Lys Ser Leu Leu His Ser Asp Gly Ile Thr Tyr Leu Tyr  
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<210> 25

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<212> PRT

<213> Mus musculus

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<210> 26

<211> 10

<212> PRT

<213> Mus musculus

<400> 26

Arg Ala Thr Ser Ser Val Gly Tyr Ile Asn  
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Arg Ala Arg Ser Ser Val Gly Tyr Met  
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Asp Thr Ser Lys Leu Ala Ser  
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Ala Thr Ser Asn Leu Ala Ala  
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<210> 31  
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Ala Thr Ser Asn Gln Ala Ser  
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<210> 32  
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<400> 32  
Ala His Asn Val Glu Leu Pro Arg Thr  
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<210> 33  
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<400> 33  
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1 5

<210> 34  
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<400> 34  
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<210> 35  
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Val Lys Gly

<210> 36  
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 <212> PRT  
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<400> 36  
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       1                              5

<210> 37  
 <211> 16  
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<400> 37  
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       1                              5                              10                              15

<210> 38  
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 <212> PRT  
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<400> 38  
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       1                              5



<210> 39  
 <211> 8  
 <212> PRT  
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<400> 39  
 Ser Gln Thr Thr His Val Pro Thr  
 1 5

<210> 40  
 <211> 14  
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<220>  
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<220>  
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 <222> (3)  
 <223> Cyclohexyl-Ala

<220>  
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 <223> Aminocaproic acid

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<210> 41  
 <211> 11  
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 <223> Cyclohexyl-Ala

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